



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/02/2019

Lab ID : CP-2019-07-02-09
Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address : Project Sub Division, BBMP, Bangalore.
Project Name : Improvements to Drains at Amruthalli Main Road from Reliance Fresh to Amruthalli Circle in Ward No.07
Agency : Executive Engineer, KRIDL, Bangalore.
Customer's Reference : EE(Project)/Ynk Zone/WO/48/18-19
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 18-02-19
Customer ID : Drain Bottom Slab Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/02/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	16/02/2019	23/02/2019	149.02 X 151.57 X 149.46	22587	8.171	410.0	18.2	18.4
2	Drain Bottom Slab Concrete	M20	16/02/2019	23/02/2019	149.97 X 151.33 X 149.85	22695	8.406	426.7	18.8	
3	Drain Bottom Slab Concrete	M20	16/02/2019	23/02/2019	149.39 X 149.07 X 149.37	22270	8.904	407.3	18.3	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Samples will be disposed after 90 days from the date of issue of test certificate

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****End of Report****

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Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 18-02-19
Customer ID : Drain Bottom Slab Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 16/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	16/02/2019	16/03/2019	149.01 X 150.90 X 151.85	22486	8.998	537.3	23.9	23.4
2	Drain Bottom Slab Concrete	M20	16/02/2019	16/03/2019	150.53 X 149.20 X 150.91	22459	8.020	498.4	22.2	
3	Drain Bottom Slab Concrete	M20	16/02/2019	16/03/2019	151.31 X 151.20 X 149.13	22877	8.187	549.0	24.0	

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Agency : Executive Engineer, KRIDL, Bangalore.

Customer's Reference : EE(Project)/Ynk Zone/WO/48/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-02-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

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Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	16/02/2019	23/02/2019	149.46 X	22483	8.171	415.4	18.5	18.6
					150.43 X					
					149.07					
2	Drain Bottom Slab Concrete	M20	16/02/2019	23/02/2019	151.59 X	22792	8.406	432.1	19.0	
					150.36 X					
					150.08					
3	Drain Bottom Slab Concrete	M20	16/02/2019	23/02/2019	151.77 X	22706	8.904	418.8	18.4	
					149.61 X					
					149.60					

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Customer's Reference : EE(Project)/Ynk Zone/WO/48/18-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-02-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 16/03/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	16/02/2019	16/03/2019	151.15 X 151.64 X 150.34	22921	8.998	534.2	23.3	23.1
2	Drain Bottom Slab Concrete	M20	16/02/2019	16/03/2019	150.91 X 150.98 X 150.03	22785	8.020	508.8	22.3	
3	Drain Bottom Slab Concrete	M20	16/02/2019	16/03/2019	151.69 X 149.75 X 151.16	22715	8.187	535.9	23.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-07-02-09 Date: 28/02/2019
Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address : Project Sub Division, BBMP, Bangalore.
Project Name : Improvements to Drains at Amruthalli Main Road from Reliance Fresh to Amruthalli Circle in Ward No.07
Agency : Executive Engineer, KRIDL, Bangalore.
Customer's Reference : EE(Project)/Ynk Zone/WO/48/18-19
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 23-02-19
Customer ID : Drain Side Wall Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 28/02/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	21/02/2019	28/02/2019	150.11 X 150.54 X 149.59	22598	8.171	407.7	18.0	18.3
2	Drain Side Wall Concrete	M20	21/02/2019	28/02/2019	149.12 X 150.95 X 151.61	22509	8.406	409.0	18.2	
3	Drain Side Wall Concrete	M20	21/02/2019	28/02/2019	151.36 X 151.19 X 150.50	22885	8.904	430.2	18.8	

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Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.

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					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	21/02/2019	21/03/2019	149.66 X 150.86 X 151.24	22578	8.998	524.5	23.2	23.1
2	Drain Side Wall Concrete	M20	21/02/2019	21/03/2019	151.70 X 150.97 X 151.75	22902	8.020	525.1	22.9	
3	Drain Side Wall Concrete	M20	21/02/2019	21/03/2019	150.11 X 150.70 X 149.25	22622	8.187	524.8	23.2	

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					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	21/02/2019	28/02/2019	151.19 X 150.64 X 149.79	22775	8.171	416.6	18.3	18.5
2	Drain Side Wall Concrete	M20	21/02/2019	28/02/2019	150.60 X 150.52 X 150.41	22668	8.406	426.2	18.8	
3	Drain Side Wall Concrete	M20	21/02/2019	28/02/2019	150.87 X 150.46 X 151.54	22700	8.904	420.1	18.5	

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					151.55 X					
					149.22					
2	Drain Side Wall Concrete	M20	21/02/2019	21/03/2019	150.98 X	22922	8.020	511.8	22.3	
					151.82 X					
					151.82					
3	Drain Side Wall Concrete	M20	21/02/2019	21/03/2019	151.17 X	22746	8.187	535.8	23.6	
					150.46 X					
					150.24					

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